

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark, Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alcomotics. Viguita 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

7500

11/19/2003

Elizabeth Krauss Sandia National Laboratories P.O. Box 5800 - MS-0161 Albuquerque, NM 87185-0161 EXAMINER

SPITZER, ROBERT H

PAPER NUMBER

ART UNIT

1724

DATE MAILED: 11/19/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/014.995	12/11/2001	Scott T. Reed	SD-6489/93729	3393

TITLE OF INVENTION: GAS IMPERMEABLE GLAZE FOR SEALING A POROUS CERAMIC SURFACE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	80	\$1330	\$0	\$1330	02/19/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status. See 37 CFR 1,27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

			or <u>F</u>			
mamienance fee nonneano	ns.			UBLICATION FEE (if requirements of maintenance fees new correspondence address	uired). Blocks I through 4 s will be mailed to the current s; and/or (b) indicating a sepa	hould be completed wher correspondence address a mate "FEE ADDRESS" for
CURRENT CORRESPONDEN	CE ADDRESS (Note: Legibly mark-t	p with any corrections or	ruse Block 1)	Note: A certificate of	of mailing can only be used f	or domestic mailings of th
				Fee(s) Transmittal, T papers, Each addition	of mailing can only be used fi his certificate cannot be used nal paper, such as an assignment ate of mailing or transmission.	for any other accompanyir
7	590 11/19/2003			have its own certifica	ate of mailing or transmission.	
Elizabeth Krauss	}			C	ertificate of Mailing or Trans	smission
Sandia National L				I hereby certify that States Postal Service	this Fee(s) Transmittal is bein with sufficient postage for fir	g deposited with the Unite
P.O. Box 5800 - N				addressed to the M	this Fee(s) Transmittal is bein with sufficient postage for fir ail Stop ISSUE FEE address PTO, on the date indicated bei	above, or being facsimi
Albuquerque, NM	8/185-0161			transmitted to the OS	or 10, on the date materied bes	(Expositor's name
						(Signators
				L		rDate
APPLICATION NO.	FILING DATE		FIRST NAMED	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/014.995	12/11/2001	•	Scott T.	Reed	SD-6489/93729	3393
		TO DOD ODAL THE				****
HILE OF INVENTION: C	JAS IMPERMEABLE GLA	ZE FOR SEALING	A POROUS	CERAMIC SURFACE		
APPLN, TYPE	SMALL ENTITY	ISSUE F	EE	PUBLICATION PEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1336	0	\$0	\$1330	02/19/2004
EXAM	MINER	ART UN	ırı T	CLASS-SUBCLASS	7	
	ROBERT H	1724		096-010000	_	
1. Change of correspondent	e address or indication of "F	ee Address" (37	2. For prin	ting on the patent front page		
			names of	up to 3 registered patent, alternatively, (2) the name	anormeys or I	
Change of correspond Address form PTO/SB/I	ence address (or Change of (Correspondence		ig as a member a registered		
	ion (or "Fee Address" Indica	tion form	agent) and	the names of up to 2 regis	stered patent	
PTO/SB/47; Rev 03-02	or more recent) attached. Us	e of a Customer	will be prin	r agents. If no name is list	ed, no name 3	
Number is required.			l wat the print	neg.	** * ** * * * * * * * * * * * * * * *	
3. ASSIGNEE NAME AND	O RESIDENCE DATA TO E	E PRINTED ON T	THE PATENT	(print or type)		
PLEASE NOTE: Unless	an assignee is identified be	low, no assignee d	lata will appear	on the patent. Inclusion of	assignee data is only appropris IT a substitute for filing an ass.	ate when an assignment ha
(A) NAME OF ASSIGN	ed to the USPTO or is being	submitted under se	parate cover. C	completion of this form is NC E; (CITY and STATE OR CO	I a substitute for filing an ass	igiunent.
(A) NAME OF ASSIGN	IBE	(8	s) RESIDENCI	E; (CITY and STATE OR CO	JUNIKY)	
Please check the appropriate	e assignee category or catego	ries (will not be pr	inted on the pa	itent); 🖰 individual 🖰	corporation or other private gr	roup entity 🔾 governmen
4a. The following fee(s) are	enclosed:	4b	. Payment of F	ee(s):		
☐ Issue Fee				the amount of the fee(s) is er		
Publication Fee				y credit card. Form PTO-203		
Advance Order - # of	Copies	~~*****	Deposit Acco	tor is hereby authorized by a unt Number	charge the required fee(s), or (enclose an extra c	credit any overpayment, t ony of this form).
Director for Patents is reque	sted to apply the Issue Fee a	nd Publication Fee			issue fee to the application ide	
(Authorized Signature)		(Date)				
NOTE: The Issue Fee an	d Publication Fee (if requir	ed) will not be ac	cepted from a	nyone		
other than the applicant; interest as shown by the re	a registered attorney or age cords of the United States Pa	ent; of the assigne stept and Trademar	ce or other pu k Office.	uty in .		
This collection of informa	ation is required by 37 CFR	1.311. The inform	nation is requi	red to		
obtain or retain a benefit	atton is required by 37 CFR by the public which is to for the public which is to fees to complete, including g m to the USPTO. Time with the amount of time you this burden, should be sent office, (I.S. Department SEND FEES OR COMPLETORY PATENTS Alexandria Virture	ile (and by the US	PIO to proce	ss) an		
estimated to take 12 minu	tes to complete, including g	athering, preparing	, and submitti	ng the		
completed application for	m to the USPTO. Time wi	ll vary depending	upon the indi	vidual		
suggestions for reducing	this burden, should be sent	to the Chief Infor	mation Officer	Ü.Ş.		
Patent and Trademark 22313-1450, DO NOT	Office, U.S. Department SEND FEES OR COMPLE	of Commerce, A	llexandria, Vi	rginia RESS		
SEND TO: Commissioner	for Patents, Alexandria, Vir	ginia 22313-1450.	, the cons	LIDO.		

TRANSMIT THIS FORM WITH FEE(S)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1430 AWAIGHT AND PROPERTY OF THE PRO

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/014.995	12/11/2001	Scott T. Reed	SD-6489/93729	3393
7	590 11/19/2003		EXAM	INER
Elizabeth Krauss			SPITZER, F	OBERT H
Sandia National La P.O. Box 5800 - N			ART UNIT	PAPER NUMBER
Albuquerque, NM 87185-0161			1724	
			DATE MAILED: 11/19/2003	3

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 234 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 234 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS PART AND AND ADDRESS OF PATENTS PART AND ADDRESS OF PATENTS OF

APPLICATION NO.	ON NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/014.995	12/11/2001		Scott T. Reed	SD-6489/93729	3393
7	590	11/19/2003		EXAM	INER
Elizabeth Krauss				SPITZER.F	ROBERT H
Sandia National La	aboratorie	s			
P.O. Box 5800 - N	AS-0161		*	ART UNIT	PAPER NUMBER
Albuquerque, NM	87185-01	61		1724	

DATE MAILED: 11/19/2003

Notice of Fee Increase on October 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2003. See Revision of Patent Fees for Fiscal Year 2004; Final Rule, 68 Fed. Reg. 41532, 41533, 41534 (July 14, 2003).

The current fee schedule is accessible from (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2003 (or mailed with a certificate of mailing on or after October 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2003, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reis except a design or plant patent:	sue patent,
By a small entity (Sec. 1.27(a))	\$665.00
By other than a small entity	
(b) Issue fee for issuing a design patent:	
By a small entity (Sec. 1.27(a))	\$240.00
By other than a small entity	\$480.00
(c) Issue fee for issuing a plant patent:	
By a small entity (Sec. 1.27(a))	\$320.00
By other than a small entity	\$640.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.